



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KATLA VARUN**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **67** %

Online Assignments	<b>23.25/25</b>	Programming Assignment	<b>21.75/25</b>	Proctored Exam	<b>22/50</b>
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Total number of candidates certified in this course: **3991**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jul-Aug 2022**

**(4 week course)**

  
**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS74S13012691

To validate the certificate



No. of credits recommended: 1 or 2



Mar 23, 2023

## Katla Varun

has successfully completed

### Machine Learning Foundations: A Case Study Approach

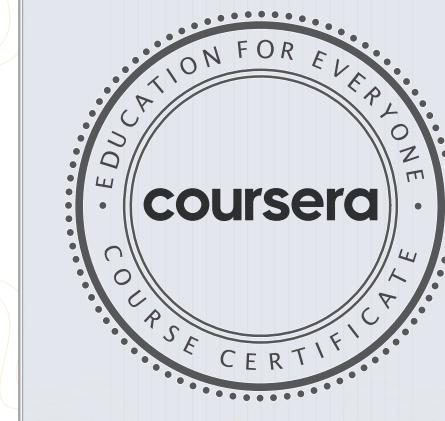
a MOOC from the University of Washington and offered through Coursera

Handwritten signatures of Emily Fox and Carlos Guestrin.

Emily Fox  
Amazon Professor of Machine Learning  
Statistics

Carlos Guestrin  
Amazon Professor of Machine Learning  
Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/YVBP3FJ7RFT>

Coursera has confirmed the identity of this individual and their participation in the course.

ID: 2E450EBA8F3A



# Certificate

This is to certify that

## Katla Varun

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has successfully cleared the assessment for the skill

### Python (Basic)

**26 Mar, 2023**

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Date

A handwritten signature in black ink, appearing to read "J. Harishankaran".

**Harishankaran K**

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CTO, HackerRank

9th August 2023

Varun Katla

has completed all the lessons of



**Learn SQL**

by CodeChef

H Kelkar

**Hrishikesh Kelkar**

Business Head | CodeChef

# CERTIFICATE of Completion



**CODECHEF**

For certificate verification, please visit:  
<https://www.codechef.com/certificates/verify>  
Certificate id: ab6caf7 Username: varunnani04

3rd August 2023

Varun Katla

has completed all the lessons of



**Learn Java**  
by CodeChef

H Kelkar

**Hrishikesh Kelkar**  
Business Head | CodeChef

# CERTIFICATE of Completion



For certificate verification, please visit:  
<https://www.codechef.com/certificates/verify>  
Certificate id: 2735efd Username: varunnani04

7th August 2023

Varun Katla

has completed all the lessons of



**Java for problem solving - 1**

by CodeChef

H Kelkar

**Hrishikesh Kelkar**

Business Head | CodeChef

# CERTIFICATE of Completion



**CODECHEF**

For certificate verification, please visit:  
<https://www.codechef.com/certificates/verify>  
Certificate id: 6acd04e Username: varunnani04